

ITEM: 24

SUBJECT: City of Woodlake, Wastewater Treatment Facility

BOARD ACTION: Consideration of Waste Discharge Requirements and Cease and Desist Order

BACKGROUND: The City of Woodlake operates a wastewater treatment facility (WWTF) located one mile south of the City. The WWTF serves approximately 1,800 households and is regulated by Waste Discharge Requirements (WDRs) Order No. 5-01-076 and Cease and Desist Order (CDO) No. 5-5-01-077. The existing WWTF consists of two bentonite-lined aerated lagoons.

ISSUES: In July 2008, the City submitted a Report of Waste Discharge to upgrade and expand the WWTF. The project will be completed in two phases and will include two treatment trains, each consisting of an oxidation ditch, anoxic basin, and secondary clarifier. The peak monthly flows for Phases One and Two are 1.38 million gallons per day (mgd) and 1.92 mgd, respectively. Treated wastewater will be disposed of via percolation ponds and reclamation.

The proposed WDRs would rescind the current WDRs. In addition, the proposed WDRs include an effluent limit for total nitrogen of 10 mg/L, require the City to conduct a groundwater investigation to characterize groundwater, and require the City to document its efforts to promote new or expanded wastewater recycling opportunities.

The current CDO requires the City to implement a work plan to upgrade the WWTF and to come into compliance with the biochemical oxygen demand (BOD) and total suspended solids (TSS) limits of the WDRs. Funding for the expansion project is in place. Although the expansion will complete the tasks required by CDO No. 5-5-01-077, the City will not immediately be able to comply with the proposed WDRs, particularly the TSS limit. The proposed CDO would rescind the current CDO and provide a time schedule for the Discharger to complete the planned expansion and submit certification that the construction of Phase One has been completed.

Mgmt. Review _____
Legal Review _____

7/8 October 2009 Board Meeting
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670